
MPEG-2 HDTV Player**MVP100**

Showing the big picture

There is no doubt that high resolution digital images provide a significant step forward to superior presentations. Modern flat panels and projectors already support High Definition sources as the Mikrom Video Player MVP100 – a new generation in Mikrom's HDTV MPEG-2 family. HDTV playback is flexible useable and proven in several applications worldwide including trade shows, conventions, theme park attractions, museums and increasing at advertising, information and retail points (POI, POS, POP, ...)



Figure HD-Player MVP100

Product Overview

The MVP100 bases on the unique features of the "HiPEG+", the 2nd MP@HL chip of Mikrom. The MVP100 outputs all SD and HD formats at data rates up to 80 Mbps and supports all relevant frame rates including 24p – indispensable for High-End Quality Pictures.

The MVP100 provides highest reliability and compatibility with existing systems by using Linux or/and Windows 2000 / XP platform.

The IP-based protocol offers comfortable remote control and media update possibilities to the professional user.

Technical Specification

Features

- Decoding of all 18 ATSC formats
- Up to 80 Mbps for D-cinema compatibility
- Digital Video Out via DVI – I
- Digital Audio Out, bitstream via TOSLink
- Playlist support with seamless transition
- Integrated Video Scaling for Up/Down format conversions
- Separate H/V sync

Options (in development phase)

- HD/SDI video output
- Edge blending for multi-screen applications
- Audio decoding

Input

- DVB/ATSC transport stream data via PCI-bus
- Up to 80Mbit/s TS bitrate

Video

- MPEG-2, 4:2:0 MP@HL decoding
- SD and HD formats including 480p, 720p, 1080i, 1080p
- 50/59.94/60Hz frame rates and 24p support
- Up to 1080i60 / 1080p30 decoding performance
- Integrated video scaling allows up/down conversion for SD / HD formats
- SMPTE 274M/296M HD output including segmented frame
- Digital video output (DVI-I)
- Separate H/V sync (TTL), Sync-on-green

Audio

- Digital audio output, Bitstream via TOSLink

Contact

Mikrom GmbH
Dovestr. 1, D -10587 Berlin, Germany
Phone: +49.30.39 88 39-0
Fax: +49.30.39 88 39-29
Email: sales@mikrom.com
Web: www.mikrom.com